AMENDMENT TO THE DRAWINGS

The attached two replacement sheets of drawings include changes to Figures 1 and 2. More specifically, the thickness of the lines forming the boxes in Figure 1 has been increased and Network Adapter is now indicated by reference numeral 103, and in Figure 2, steps 206 and 208 have been changed to better reflect the originally disclosed subject matter. Support for the changes to Figure 1 can be found throughout the specification, for example, at least in paragraph [15] of the originally filed patent application, and support for the changes to Figure 2 can be found throughout the specification, for example, at least in paragraphs [18] and [19] of the originally filed patent application.

Attachment: Replacement Sheets for Figures 1 and 2

<u>REMARKS</u>

The Office Action dated March 31, 2008, and the patents and publications relied on therein have been carefully reviewed, and in view of the above changes and following remarks reconsideration and allowance of all the claims pending in the application are respectfully requested.

Claim 7 stands rejected. By this Amendment, claim 7 has been amended and remains pending.

The Amendments To The Specification

Applicants have amended the specification to correct several informalities in paragraph [18] of the originally filed patent application.

The Amendment To The Claim

Applicants have amended claim 7 to improve the form of the claim in accordance with U.S. patent law, and to better distinguish the claimed subject matter over the applied art. In particular, Applicants have amended claim 7 to correct word "application" in line 18, and so that the claimed memory is a predetermined region of memory reserved for the claimed application. Support for the amendment relating to the claimed memory can be found throughout the specification, for example, at least in paragraph [18] of the originally filed patent application.

The Objection To The Drawings

The drawings stand objected to under 37 C.F.R. § 1.83(a) as being required to show every feature of the claimed subject matter specified in the claims.

Applicants have submitted herewith two (2) replacement sheets of drawings that include changes to Figures 1 and 2. The changes to Figure 1 include the lines forming the boxes in Figure 1 being thickened and Network Adapter is now being indicated by reference numeral 103. In Figure 2, steps 206 and 208 have been changed to better reflect the subject matter disclosed in the originally filed patent application. Support for the changes to Figure 1 can be found throughout the specification, for example, at least in paragraph [15] of the originally filed patent application. Support for the changes to Figure 2 can be found throughout the specification, for example, at least in paragraphs [18] and [19] of the originally filed patent application.

Consequently, Applicants respectfully request that the Examiner withdraw this objection.

The Rejection Under 35 U.S.C. § 103(a) Over Jolitz In View of Connery

Claim 7 stands rejected under 35 U.S.C. § 103(a) as unpatentable over Jolitz, U.S. Patent Application Publication No. 2001/0025315 A1, in view of Connery et al. (Connery), U.S. Patent No. 6,570,884 B1.

Applicants respectfully traverse this rejection. Applicants respectfully submit that the subject matter according to claim 7 is patentable over Jolitz in view of Connery. Applicants respectfully submit that even if Jolitz and Connery are properly combinable, the resulting method is not the subject matter of claim 7.

More specifically, neither Jolitz nor Connery disclose or suggest a method comprising mapping a payload of the detected applications header to a memory based on the direct data placement pattern, such that the claimed memory is a predetermined region of memory reserved for the application. At best, Jolitz discloses a dual-port application memory 24 to which the Jolitz Rx engine 48 directly delivers a TCP payload. (See Jolitz, paragraph [0044], lines 7-8.) In paragraph [0045], Jolitz discloses that memory 24 contains the host system view of network memory, and a shadowed copy for the network accelerator to use for TCP segment transmission and reception. Jolitz further discloses that the host system software driver swaps application memory (system RAM) for memory 24, thereby allowing the host system direct access the network data stored in the dual-port/double banked memory, effectively replacing the role of host system RAM. (See Jolitz, paragraph [0045], lines 1-8.) Thus, because the Jolitz host system software swaps application memory for memory 24 and uses memory 24 in a way that effectively replaces the role of the host system RAM, it follows that Jolitz does not disclose or suggest that memory 24 is reserved for an application or that Jolitz maps a payload of a detected application header into the claimed memory that is a predetermined region of memory reserved for the application.

Regarding Connery, Applicants respectfully submit that Connery discloses that incoming data is supplied to the receive FIFO 201, and from receive FIFO 201 on line 202 to the host port. (See Connery, column 5, lines 39-42, and Figure 3.) Plainly, Connery discloses nothing

regarding the claimed memory that is a predetermined region of memory reserved for claimed application.

Thus, Applicants respectfully submit that the method resulting from the combination of Jolitz and Connery is not the claimed subject matter.

Consequently, Applicants respectfully request that the Examiner withdraw this rejection and allow claim 7.

Applicants notes that additional patentable distinctions between Jolitz and Connery and rejected claim 7 exist; however, the foregoing is believed sufficient to address the Examiner's rejections. Additionally, failure of Applicants to respond to a position taken by the Examiner is not an indication of acceptance or acquiescence of the Examiner's position. Instead, it is believed that the Examiner's positions are rendered moot by the foregoing and, therefore, it is believed not necessary to respond to every position taken by the Examiner with which Applicants do not agree.
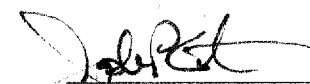

CONCLUSION

In view of the above amendments and arguments, it is urged that the present application is now in condition for allowance. Should the Examiner find that a telephonic or personal interview would expedite passage to issue of the present application, the Examiner is encouraged to contact the undersigned attorney at the telephone number indicated below.

It is requested that this application be passed to issue with claim 7.

Respectfully submitted,

Date: July 10, 2008

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